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1   3. (original) The method of claim 2 wherein:
2   the selected operation performed is hiding the selected
3   area; and
4   further including the step, responsive to said hiding
5   step, of reforming at least one of the remaining displayed
6   areas so as to represent the resulting change of said
7   reformed area within said ordered set of stacked areas.

1   4. (original) The method of claim 2 wherein:
2   the selected operation performed is displaying a
3   selected undisplayed area; and
4   further including the step, responsive to said step of
5   displaying, of reforming at least one of the other displayed
6   areas so as to represent the resulting change of said
7   reformed area within said ordered set of stacked areas.

1   5. (original) The method of claim 2 wherein:
2   the selected operation performed is reordering the
3   position of the selected area within said ordered set; and
4   further including the step, responsive to said step of
5   reordering the position of the selected area within said
6   ordered set, of reforming at least one of the other
7   displayed areas so as to represent the resulting change of
8   said reformed area within said reordered set of stacked
9   areas.

1   6. (original) The method of claim 2 further including the
2   step of:
3   displaying a plurality of icons each representative of
4   one of said areas whereby the user may select one of said
5   areas by selecting the icon representative of the selected
6   area.

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1   7. (original) The method of claim 2 further including the
2   step of:
3   displaying a plurality of icons each representative of
4   one of said areas whereby the user may reorder the position
5   of the selected area by reordering the position of the
6   selected icon representative of the selected area.

1   8. (currently amended) A data processor controlled user
2   interactive display system for graphically displaying the
3   proportion of a total value of a time dependent variable
4   contributed by each of a set of elements comprising:
5   means for displaying the proportion contributed by each
6   element of the same time dependent variable as an area
7   within an ordered set of areas under a line representative
8   of the total value of said time dependent variable;
9   means for enabling the user to interactively select one
10 of said set of areas; and
11   means for performing a selected operation selected from
12 the group consisting of hiding the selected area, displaying
13 the selected area and reordering the position of the
14 selected area within said ordered set responsive to said
15 user selection.

1   9. (original) The display system of claim 8 wherein said
2   ordered set of areas under said line comprises a stacked
3   area graph formed by said ordered set of areas under said
4   line.

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1 10. (original) The display system of claim 9 wherein:
2   the selected operation performed is hiding the selected
3 area; and
4   further including means, responsive to said hiding
5 operation, for reforming at least one of said remaining
6 displayed areas so as to represent the resulting change of
7 said reformed area within said ordered set of stacked areas.

1 11. original) The display system of claim 9 wherein:
2   the selected operation performed is displaying a
3 selected undisplayed area; and
4   further including means, responsive to said displaying
5 of said undisplayed area,   reforming at least one of the
6 other displayed areas so as to represent the resulting
7 change of said reformed area within said ordered set of
8 stacked areas.

1 12. (original) The display system of claim 9 wherein:
2   the selected operation performed is reordering the
3 position of the selected area within said ordered set; and
4   further including means, responsive to said means for
5 reordering the position of the selected area within said
6 ordered set, for reforming at least one of the other
7 displayed areas so as to represent the resulting change of
8 said reformed area within said reordered set of stacked
9 areas.

1 13. (original) The display system of claim 9 further
2 including a plurality of icons on said display each
3 representative of one of said areas whereby the user may
4 select one of said areas by selecting the icon
5 representative of the selected area.

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1   14. (original) The display system of claim 9 further
2   including:
3   a plurality of icons on said display each
4   representative of one of said areas; and
5   means enabling the user to interactively reorder the
6   position of the selected area by reordering the position of
7   the selected icon representative of the selected area.

1   15. (currently amended) A computer program having code
2   recorded on a computer readable medium for graphically
3   displaying the proportion of a total value of a time
4   dependent variable contributed by each of a set of elements
5   in a computer controlled user interactive display system
6   comprising:
7   means for displaying the proportion contributed by each
8   element of the same time dependent variable as an area
9   within an ordered set of areas under a line representative
10   of the total value of said time dependent variable;
11   means for enabling the user to interactively select one
12   of said set of areas; and
13   means for performing a selected operation selected from
14   the group consisting of hiding the selected area, displaying
15   the selected area and reordering the position of the
16   selected area within said ordered set responsive to said
17   user selection.

1   16. (original) The computer program of claim 15 wherein said
2   ordered set of areas under said line comprises a stacked
3   area graph formed by said ordered set of areas under said
4   line.

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1 17. (original) The computer program of claim 16 wherein:
2   the selected operation performed is hiding the selected
3 area; and
4   further including means, responsive to said hiding
5 operation, for reforming at least one of said remaining
6 displayed areas so as to represent the resulting change of
7 said reformed area within said ordered set of stacked areas.

1 18. (original) The computer program of claim 16 wherein:
2   the selected operation performed is displaying a
3 selected undisplayed area; and
4   further including means, responsive to said displaying
5 of said undisplayed area, for reforming at least one of the
6 other displayed areas so as to represent the resulting
7 change of said reformed area within said ordered set of
8 stacked areas.

1 19. (original) The computer program of claim 16 wherein:
2   the selected operation performed is reordering the
3 position of the selected area within said ordered set; and
4   further including means, responsive to said means for
5 reordering the position of the selected area within said
6 ordered set, for reforming at least one of the other
7 displayed areas so as to represent the resulting change of
8 said reformed area within said reordered set of stacked
9 areas.

1 20. (original) The computer program of claim 16 further
2 including a plurality of icons on said display each
3 representative of one of said areas whereby the user may
4 select one of said areas by selecting the icon
5 representative of the selected area.

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1 21. (original) The method of claim 2 wherein said selected
2 operation is performed by morphing the displayed stacked
3 area graph through an animated display sequence of stacked
4 graphs.

1 22. (original) The display system of claim 9 wherein said
2 means for performing said selected operation, perform the
3 operation by morphing the displayed stacked area graph
4 through an animated display sequence of stacked graphs.

5 23. (original) The computer program of claim 16 wherein said
6 means for performing said selected operation, perform the
7 operation by morphing the displayed stacked area graph
8 through an animated displayed sequence of stacked graphs.

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